



Waverly Beach Park Renovation Plan Alternatives

Presented to:
Kirkland Park Board

Presented by:
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Overview

- Project Status
- Site Opportunities & Constraints
- Program Elements & Project Goals Development
- Public Meeting Feedback
- Renovation Plan Alternatives
- Alternatives Comparison
- Permitting Considerations
- Next Steps
- Questions & Comments

Project Status

- Park Board Site Visit
July 10
- Develop Site
Opportunities &
Constraints, Goals, and
Preliminary Program
- Public Open House
August 20
- Prepare Alternative
Plans



Site Constraints

Lake
Washington



Site Opportunities



Program Elements Development

- Access/Circulation
 - Site Entry
 - Entry Driveway
 - Upper Parking Lot and Lower Parking Lot
 - Pedestrian Access and Facilities
 - Bicycle Facilities



Program Elements Development, *cont.*

- Shoreline and Habitat Restoration
 - Concrete Bulkhead
 - Swimming Area
 - Fishing Pier
 - Existing Beach
 - Rock Bulkhead/Beach Restoration
 - Vegetated Areas Restoration



Program Elements Development, *cont.*

- Recreation
 - Lawn Area
 - Children's Play Area
 - Restroom



Project Goals Development

- Park Character
- Pedestrian Access and Circulation
- Vehicle Access, Circulations, and Parking
- Recreational Facilities
- Restoration
- Maintenance Considerations
- Balancing Multiple Considerations

Public Meeting Feedback

- Access/Circulation:
 - More direct and convenient access for hand launched vessels
 - Load/unload area near parking
- Shoreline Recreation
 - Expand end of the pier to increase fishing capacity
 - Outdoor shower
- “We like the park the way it is”



[illegible]

Alternative 1 Summary

- Improves entry visibility and pedestrian access
- Least pedestrian circulation within park
- Most shoreline and upland habitat restoration
- Most stormwater collection and treatment
- Least lawn area and picnicking areas
- *Medium cost*



Alternative 2. Recreational Focus



Alternative 2 Summary

- Most visible park entry
- Most pedestrian access and circulation
- Most vehicle parking
- Moderate shoreline restoration
- Least stormwater collection and treatment
- Most lawn area and picnic facilities
- Most recreation facilities
- *Highest cost*



Alternative 3. Minimalistic Approach



Alternative 3 Summary

- Least changes
- Least visible park entry
- Moderate pedestrian circulation improvements
- Least parking
- Least shoreline restoration
- Moderate lawn and picnic area improvements
- *Lowest cost*



Alternatives Comparison Table

	Alternative 1 Environmental Focus	Alternative 2 Recreational Focus	Alternative 3 Minimalist Approach
ACCESS/CIRCULATION			
Provide visible site entry	MEDIUM	HIGH	LOW
Improve pedestrian circulation into Park	MEDIUM	HIGH	MEDIUM
Improve pedestrian circulation/ADA connections (<i>total linear feet of pathways</i>)	LOW (1,100 LF)	HIGH (3,100 LF)	MEDIUM (1,600 LF)
Improve upper parking lot circulation and drainage	LOW	HIGH	MEDIUM
Improve lower parking lot circulation and drainage	MEDIUM	HIGH	HIGH
Provide parking (<i>total number of stalls*</i>)	MEDIUM (35 Stalls)	HIGH (39 Stalls)	LOW (32 Stalls)

* Assumes standard 8'x20' parking stall size

Alternatives Comparison Table

	Alternative 1 Environmental Focus	Alternative 2 Recreational Focus	Alternative 3 Minimalist Approach
ENVIRONMENTAL CONSIDERATIONS			
Remove rock bulkhead (<i>total linear feet</i>)	HIGH (150 LF)	MEDIUM (125 LF)	LOW (50 LF)
Expand pocket beach (<i>total beach area</i>)	HIGH (4,800 SF)	MEDIUM (1,600 SF)	LOW (1,300 SF)
Install large woody debris for habitat	HIGH	LOW	MEDIUM
Improve stormwater collection and treatment in vehicle paved areas	HIGH	LOW	MEDIUM
Improve south lawn drainage	MEDIUM	HIGH	LOW
Reuse rainwater	HIGH	LOW	LOW
Install solar panels	HIGH	NONE	NONE
Enhance/restore native vegetation areas	HIGH	LOW	MEDIUM

Alternatives Comparison Table

	Alternative 1 Environmental Focus	Alternative 2 Recreational Focus	Alternative 3 Minimalist Approach
RECREATIONAL AMENITIES			
Improve swimming area with gradual sloped entry and sand/gravel substrate	HIGH	MEDIUM	LOW
Expand fishing pier	NONE	HIGH	NONE
Install seasonal float for small boat access	NONE	HIGH	NONE
Install picnicking facilities	LOW	HIGH	MEDIUM
Provide lawn area (<i>total area</i>)	LOW (16,500 SF)	HIGH (23,600 SF)	MEDIUM (19,500 SF)
Expand children's play area	MEDIUM	HIGH	LOW
Improve children's play area equipment	MEDIUM	HIGH	LOW
Improve children's play area adult seating	LOW	HIGH	MEDIUM

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RELATIVE TOTAL COST	MEDIUM	HIGH	LOW

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Permitting Considerations

- Overwater coverage
 - Alternatives 1 and 3 propose no new overwater coverage
 - Alternative 2 proposes additional fishing pier overwater coverage and a new seasonal floating dock
- Net fill below OHW
 - All alternatives would seek to balance cut/fill in order to reduce the necessity for additional mitigation



Next Steps

- Public Open House #2
September 14
- Next Park Board Meeting
October 9: Preliminary
Renovation Plan
- Next Public Meeting October 23
- Final Park Board Meeting November
13: Final Renovation Plan



Questions and Comments

